

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for producing a panel glass for cathode ray tubes, having a Sb_2O_3 content of from 0 to 0.19% as represented by mass percentage and containing H_2O , which process comprises a step of melting a raw material in an atmosphere under a pressure of P_0 to obtain a molten glass, and a step of vacuum degassing the molten glass in an atmosphere under a pressure P_A which is lower than P_0 , wherein the pressure P of the molten glass is made to be at most $(6.1W+0.06)$ atm in the vacuum degassing step, wherein W is the content of said H_2O as represented by mass percentage.

Claim 2 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the period of time during which the pressure P of the molten glass is made to be at most $(6.1W+0.06)$ atm, is at least 0.1 hour.

Claim 3 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein P_0 is from 0.8 to 1.2 atm.

Claim 4 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein W as represented by mass percentage, is from 0.005 to 0.05%.

Claim 5 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes consists essentially of, as represented by mass percentage based on the following oxides:

| | |
|-------------------------|------------|
| SiO_2 | 45 to 70%, |
| Al_2O_3 | 0 to 10%, |
| Na_2O | 1 to 15%, |
| K_2O | 3 to 15%, |
| MgO | 0 to 10%, |

| | |
|--------------------------------|-----------------|
| CaO | 0 to 10%, |
| SrO | 0 to 13%, |
| BaO | 0 to 16%, |
| ZnO | 0 to 5%, |
| ZrO ₂ | 0 to 5%, |
| TiO ₂ | 0 to 2%, |
| CeO ₂ | 0 to 5%, |
| B ₂ O ₃ | 0 to 5%, |
| Sb ₂ O ₃ | 0 to 0.19%, |
| H ₂ O | 0.005 to 0.05%, |
| SnO ₂ | 0 to 5%, and |
| SO ₃ | 0 to 0.4%. |

Claim 6 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the Sb₂O₃ content as represented by mass percentage in the glass for cathode ray tubes, is from 0 to 0.029%.

Claim 7 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains no SnO₂.

Claim 8 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains SO₃, and its content as represented by mass percentage is from 0.05 to 0.4%.